ABSTRACT

A method of discretization/grouping of a source attribute or of a source attributes group of a database containing a population of individuals with the object in particular of predicting modalities of a given target attribute. The method includes the steps of:
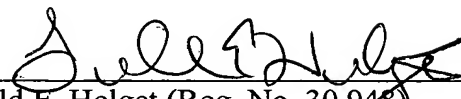
a) partitioning of the modalities of the source attribute or the attributes group into elementary regions,

b) evaluating of a merge criterion for each pair of elementary regions,

c) searching, among the set of pairs of elementary regions that can be merged, for the pair of elementary regions for which the merge criterion would be optimized,

d) skipping directly to step f) as long as the value of a valuation variable of the merge under consideration is not within a predetermined zone of atypical values,

e) stopping of the method if there are no elementary regions whose merge would have a consequence of improving said merge criterion, and

f) otherwise merging and reiteration of steps b) to e).

Respectfully submitted,

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